

IN THE CLAIMS:

Please amend the claims as follows:

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1. A method of inhibiting a specific undesired immune associated reaction comprising transducing a cell that can be involved in the undesired immune associated reaction with a gene encoding an antibody, wherein said antibody when expressed will bind in the cell to a target molecule [molecules and/or ligand] involved in the undesired immune associated reaction, expressing the antibody and letting said antibody bind to said target molecule

H3 2. The method of claim 1, wherein the target molecule is selected from the group consisting of MHC class I molecules, MHC class II molecules, CD28 molecules, CD40 molecules, CD20 molecules and CD43 molecules.

3. The method of claim 1, wherein the target molecule is selected from the group consisting of components in the pathways involving MHC class I molecules, MHC class II molecules, CD28 molecules, CD40 molecules, CD1 molecules, CD20 molecules, T cell receptors and CD43 molecules.

4. The method of claim 2, wherein the antibody comprises a single chain antibody.

5. The method of claim 4, wherein the single chain antibody binds to an MHC I molecule.

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Please add the following new claims:

H4 13. The method of claim 1, wherein the target molecule is an MHC class I molecule, and the undesired immune reaction is tissue rejection during transplantation.

14. The method of claim 1, wherein the target molecule is an MHC class I molecule, and the undesired immune reaction is an autoimmune disease.